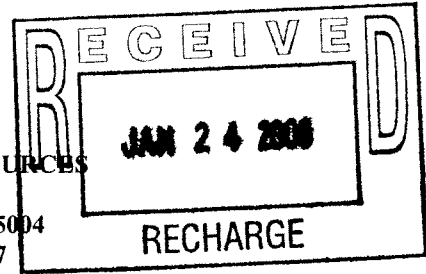


ARIZONA DEPARTMENT OF WATER RESOURCES
Water Management Division
500 North Third Street, Phoenix, Arizona 85004
Phone (602) 417-2465 Fax (602) 417-2467



APPLICATION FOR UNDERGROUND
STORAGE FACILITY PERMIT (A.R.S. § 45-811.01)

APPLICATION FEE \$ 750.00 DUE UPON FILING

PERMIT FEE OF \$ 500.00, PLUS NOTICE AND PUBLICATION FEES TO
BE DETERMINED, WILL BE DUE PRIOR TO ISSUANCE OF PERMIT

PLEASE SUBMIT ONE ORIGINAL AND FOUR COPIES OF THE
COMPLETED APPLICATION AND ALL SUPPORTING MATERIALS

FOR OFFICE USE ONLY

Application No.: 71-578806,0002

Date Received: 1-24-08

FACILITY DESIGN: (check one)

☒ Constructed

☐ Managed

APPLICATION FOR: (check one)

☐ Underground Storage Facility (USF)

☒ Modification of USF permit no.:

71- 578806

☐ Renewal of USF permit no.:

71-

GENERAL INFORMATION

1. Name of Applicant: City of Tucson - Tucson Water

<u>P.O. Box 27210</u>	<u>Tucson</u>	<u>Arizona</u>	<u>85726</u>
Mailing Address	City	State	Zip

Contact Person: Wally Wilson Telephone: (520) 791-2689 Fax: (520) 791-3293

2. Is this a State Demonstration Project? Yes ☒ No

(NOTE: Pursuant to A.R.S. § 45-893.01, only Conservation Districts qualify to participate in State Demonstration Project program.)

3. Name of Active Management Area or Irrigation Non-Expansion Area where the facility will be located:

Tucson Active Management Area

(If the facility is NOT located within an AMA or INA, please indicate "NONE.")

4. Name of groundwater basin and subbasin where the facility will be located: Avra Valley Sub Basin of the Tucson Active Management Area

5. Legal description of the location of the facility: T.13S., R.11E., SEC. 31; T.14S., R.11E., SEC. 5, 6 & 8

(quarter/quarter/quarter/section, township and range – see Appendix C of USF Application Guide)

6. Does the applicant own the land where the facility is to be located? ☒ Yes ☐ No
7. The total design capacity of the facility: 2,000,000 acre-feet with maximum 400,000 in storage at any one time.
(acre-feet to be stored over the duration of the USF permit)
8. The maximum annual amount of water proposed for storage at this facility: 100,000 acre-feet
(acre-feet per year)
9. Proposed duration of permit: 20 Years
(years)
10. Type of source water to be stored:
☒ CAP Water ☐ Effluent ☐ Decreed and Appropriative Surface Water
- If Decreed and Appropriative Surface Water, list river(s): _____
11. I agree under penalty of law to obtain any required floodplain use permit from the county flood control district before beginning any construction activities, as required by A.R.S. § 45-811.01(C)(4). ☒ Agree ☐ Disagree
12. **For managed USFs where effluent will be stored only:** Are you requesting that this facility be designated as a facility that could add value a national park, national monument or state park, as described in A.R.S. § 45-811.01(D)?
☐ Yes ☐ No
- If yes, please submit a completed USF Permit Application Supplement to designate a Managed Underground Storage Facility as one that could add value to a national park, national monument, or state park and all additional information as described on the USF Permit Application Supplement.
13. **For permit modifications only,** give a brief description of the modification(s) requested by this application: _____
Facility annual maximum recharge increased from 80,000 acre-feet to 100,000 acre-feet.
Maximum cummulative storage volume reduced from 1,200,000 acre-feet to 400,000 acre-feet.

SUPPORTING EVIDENCE

Check the following items that have been included with this submittal. For a new USF application, all items must be submitted prior to receiving a complete and correct determination by the Department. For a modification to an existing USF permit, submit only those items that apply to the modification. For a full description of these requirements refer to the USF Application Report in the USF Application Guide.

14. USF Site and Facility Characteristics:
- ☒ Site Characteristics ☒ Geology
☒ Facility Characteristics ☒ Hydrogeology
15. Unreasonable Harm and Hydrologic Feasibility Analysis:
- ☒ Procedures and Results for Calculating Maximum Area of Impact and Mounding Analysis
☒ Land and Water Use Inventory ☒ Unreasonable Harm Analysis ☒ Monitoring Plan
☒ Water Quality ☒ Hydrologic Feasibility Conclusions ☒ Operation and Maintenance
16. Legal Requirements:
- ☒ Technical Capability ☒ Financial Capability ☒ Legal Access

NOTARIZED SIGNATURE

I (We), Bruce Johnson, the applicant(s) named in this application, do hereby certify under the penalty of perjury, that the information contained and statements made herein are to the best of my (our) knowledge and belief true, correct and complete.

(520) 791-2666

Telephone

Bruce Johnson
Signature of owner or authorized agent

Deputy Director, Tucson Water

Title

P.O. Box 27210

Mailing Address

Tucson

City

Arizona

State

85726

Zip

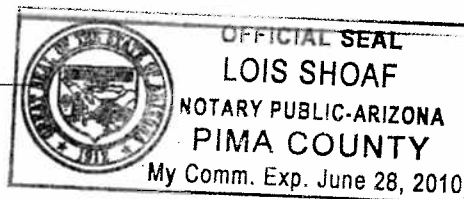
STATE OF ARIZONA)

) ss.

County of Pima)

Subscribed and sworn to before me this 2 day of January, 2008

Lois Shoaf
Notary Public



6-28-10

My commission expires